SBR=00005/24-25

No. 18th RA bill 17/4/2024

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

BR=00005/24-25

17/4/2024

Division: Electrical (Dasarahalli) **JOB NO :015-22-000002** Sub-Division: **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No..... Dated...

Schedule Docket Name of Work :- Annual Maintenance of street lights package-D-5 in T Dasarahalli ward no 15

Bill Period:01.01.2024 to 31.03.2024(3 Months)

Name of Contractor and Full Address:- M/s. PRASHANTH ELECTRICALS

Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000013/2021-22 Date:16.03.2022

Reference to Work order No:- EE/Ele/DZ/TEND/WO/000005/2022-23 Date:04.04.2022

Reference to Supplementatry Agreement No: EE/Ele/DZ/TEND/SAG/25/-.2022-23 Date:24.03..2023

Reference to Supplementatry Work order No:- EE/Ele/DZ/TEND/SWO/31/-2022--23 Date:24.03.2023

Certified that the measurements were taken by me on 03/4/2024 and recorded of Pages 684987 to 684990.

of measurement Book No. 6850. And that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Assistant Engineer (Ele)

Bruhath Bengaluru Mahanagara Palike

Dasarahalli Zone, Bengaluru

05/4/2024

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ASST. EXECUTIVE ENGINEER (Ele)

Bruhath Bengaluru Mahanagara Palike

Dasarahalli Zone Bangalore

II Memorandum of Payment

17) Total value of work done or supplies as per account within	Up to date bill:	4275892=00
18) Deduct amount to be held in reserve Bangalore Mahanagara Palike Rs.....	Previous bill	3905580=00
19) " Balance Dasarahalli Zone Bangalore	Present bill	370312=00
20) Deduct Payment:	T.W.D.	361906=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards	IT	3619=00
cash advance recovery of	CGST	3619=00
	SGST	3619=00
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	LWC	3619=00
	CBF	362=00
21) Balance being unpaid value of work done held in reserve.	Fine	1000=00
22) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Scrap	7406=00
23) Net amount due to or from Contractor	un adjustments items	
24) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied.	T.D	23244=00
	Total amount adjusted -	347068=00.

Avg amt:

Contractor's Signature

Received Rs..... (in words)..... by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

(For use in the Office) 370312=00

Passed 347068=00

(Three lakh fourty seven thousand sixty eight rupees only

by adjustment Rs. 23244=00

Accounts Superintendent

Asst. Engineer (Ele)

Dasarahalli Zone, Bengaluru

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Sl. No.	Description of item	Unit
	Name of work:-Annual Maintanance of street lights package D-5 in T. Dasarahalli ward no 15	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system.	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system.	Each
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Each
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system.	Each
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.300mmx450mmx214mm	Each

Previous Measurement		Present Measurement				Total Upto Date		Remarks
Qty.	Cost	Qty.		Rate Rs. P.	Amount	Qty	Cost	
					3 Months	Upto Date paid so for X 24months		
30X21Months	8568.00	0	685.45/12=57.12	57.12	0.00	30X24Months	8568.00	
12X21Months	15881.04	12	756.29/12=63.02	63.02	2268.72	12X24Months	18149.76	
851X21Months	1518141.45	851	1019.41/12=84.95	84.95	216877.35	851X24Months	1735018.80	
36X21Months	70436.52	36	1118.08/12=93.17	93.17	10062.36	36X24Months	80498.88	
473X21Months	728386.89	473	880.01/12=73.33	73.33	104055.27	473X24Months	832442.16	
49X21Months	98382.69	49	1147.43/12=95.61	95.61	14054.67	49X24Months	112437.36	
27X21Months	65097.27	27	1377.66/12=114.81	114.81	9299.61	27X24Months	74396.88	
0	0.00	0	0	0	0.00	0	0.00	
0	0.00	0	0	0	0.00	0	0.00	
20	102540	0	0	5127.00	0.00	20	102540.00	

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11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each						
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 Amps SP	Each						
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each						
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.6 sqmm	Mtr						
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	Mtr						
16	1.1 KV, LT Aerial Bunched Cable, confirming to IS-14255: 1995 XLPE insulation Parameter shall be as below 1. Hot Set Test: a) Elongation under Load: 50% (Max) b) Permanent Elongation After Cooloing: 3% (Max) 2. Thermal Aging in oven: a) Tensile Strength: 16 N/mm^2 (Min) b) Elongation: 375% (Min) 3. Water Absorption Test a) Water absorbed: 0.5 mg/cm^2 (Max) 4. Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km							
17	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km						
18	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs						
19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtrs						
	Sub Total							
	Add GST 18%							
	Total							
	Add GST18% on item no10 to 19							
	Fine imposed for non burning of street lights For the period of 01.01.2024 to 31.03.2024 and GPS time violation Penalty for the present bill							
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material							
	GRAND TOTAL							

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

2 The Amount Claimed in this Bill has not been claimed in any of the previous bill

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

44	316800	0	0	7200.00	0.00	44	316800.00
48	34704	0	0	723.00	0.00	48	34704.00
48	193440	0	0	4030.00	0.00	48	193440.00
18	1260	0	0	70.00	0.00	18	1260.00
172	1204	0	0	7.00	0.00	172	1204.00
2.75	404250	0	0	147000.00	0.00	2.75	404250.00
2.75	61790	0	0	22469.00	0.00	2.75	61789.75
370	55500	0	0	150.00	0.00	370	55500.00
370	11100	0	0	30.00	0.00	370	11100.00
	3559099.14				356617.98		3872922.96
ADD 6%	346480.74	-12%		42794.16	313823.82	ADD 6%	402969.03
	3905579.88	18%		56488.29	370312.11		4275891.99
		18%	0.00	0.00	0.00		
					370312.11		
	32300.00				1000.00		33300.00
	50919.53				7406.24		58325.77
	3822360.35				361905.87		4184266.22

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